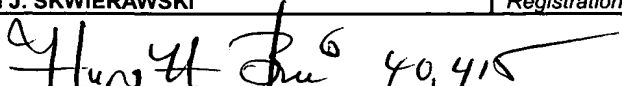


UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	500.40191CX1				
	First Inventor	Hideki SAWAGUCHI et al.				
	Title	DEVICE AND SIGNAL PROCESSING CIRCUIT FOR MAGNETIC RECORDING, MAGNETIC RECORDING...				
	Express Mail Label No.					
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents POB 1450 Alexandria, Virginia 22313-1450				
<table border="0"><tr><td style="vertical-align: top;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p><p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification [Total Pages: <u>29</u>] -Descriptive title of the invention (or title page) -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) [06 Shts.: <u>Elgs 1-7</u>]</p><p>5. Oath or Declaration [Total Pages: <u>04</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) ii. <input type="checkbox"/> FILED WITHOUT DECLARATION</p><p>6. <input type="checkbox"/> Application Data Sheet (See 37 CFR §1.76)</p></td><td style="vertical-align: top;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p><p>8. Nucleotide and/or Amino Acid Sequence Submission if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p></td></tr></table>					<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages: <u>29</u>] -Descriptive title of the invention (or title page) -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) [06 Shts.: <u>Elgs 1-7</u>]</p> <p>5. Oath or Declaration [Total Pages: <u>04</u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) ii. <input type="checkbox"/> FILED WITHOUT DECLARATION</p> <p>6. <input type="checkbox"/> Application Data Sheet (See 37 CFR §1.76)</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p>
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ACCOMPANYING APPLICATION PARTS						
<p>9. <input type="checkbox"/> Assignment(s)/Recordation Cover Form(s) PTO-1595</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) (In Declarations)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of Refs. Statement (IDS)/PTO-1449</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment/Claims for Priority</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Form PTO-2038 (Fee Code 1001)</p>						
<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. 09/875,875 filed 8 June 2001</p> <p>Prior application information: Examiner: A. Faber Group Art Unit: 2651 Confirmation No.: 7205</p> <p>CONTINUATION/DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.</p>						
19. CORRESPONDENCE ADDRESS						
<input checked="" type="checkbox"/> Customer No./Bar Code Label		020457		or <input type="checkbox"/> Correspondence address below		
(Insert Customer No/Attach bar code label here)						
Name		ANTONELLI, TERRY, STOUT & KRAUS, LLP				
Address						
City	State	Zip Code				
Country	Telephone	703-312-6600	Fax	703-312-6666		
Name	Paul J. SKWIERAWSKI		Registration No. (Attorney/Agent)	32,173		
Signature				Date	14 April 2004	

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	Unassigned (\$53b Cont. of 09/875,875)
Filing Date	14 April 2004
First Named Inventor	Hideki SAWAGUCHI et al.
Examiner Name	Unassigned (Parent - A. Faber)
Group Art Unit	Unassigned (Parent - 2651)
Attorney Docket No.	500.40191CX1

TOTAL AMOUNT OF PAYMENT (\$770.00)

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge DEFICIENCIES indicated to:
- Deposit Account Number 01-2135
Deposit Account Name ATS&K
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant Claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:
- ☐ Check ☒ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

2. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee Description	Fee Paid
1001	770	2001	385 Utility filing fee	
1002	340	2002	170 Design filing fee	
1003	530	2003	265 Plant filing fee	
1004	770	2004	385 Reissue filing fee	
1005	160	2005	80 Provisional filing fee	
SUBTOTAL (1)				\$770.00

1. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
1-20**	= 00	x\$18	= \$00
Indep. Claims 1-3**	= 00	x\$ 86	= \$00
Multiple Dependent	=		

Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee Description
1201	18	2201	9 Claims in excess of 20
1202	86	2202	43 Independent claims in excess of 3
1203	290	2203	145 Multiple dependent claim, if not paid
1204	86	2204	43 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$00			

**or number previously paid, if greater; For Reissues, see above.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examination action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

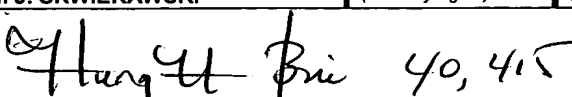
Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Paul J. SKWIERAWSKI	Registration No. (Attorney/Agent)	32,173	Telephone	703-312-6600
Signature				Date	14 April 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.